

=> d his

(FILE 'HOME' ENTERED AT 19:53:18 ON 19 FEB 2007)

FILE 'MEDLINE, CAPLUS' ENTERED AT 19:53:34 ON 19 FEB 2007

L1	521 S PLANK-C?/AU OR STEMBERGER-A?/AU OR SCHERER-F?/AU
L2	13 S L1 AND COPOLYMER
L3	9 DUP REM L2 (4 DUPLICATES REMOVED)
L4	0 S P3YE5C
L5	1 S P6YE5C
L6	111 S PEG AND NUCLEIC ACID AND COPOLYMER
L7	14 S PEG AND NUCLEIC ACID AND COPOLYMER AND (ELECTROSTATIC OR IONI
L8	4127 S POLOXAMER
L9	600 S POLOXAMER/TI
L10	16 S L9 AND REVIEW/DT
L11	0 S POLYXAMER/TI
L12	600 S POLOXAMER/TI
L13	35 S L12 AND IONIC
L14	25 DUP REM L13 (10 DUPLICATES REMOVED)

FILE 'MEDLINE, CAPLUS' ENTERED AT 19:53:34 ON 19 FEB 2007

L1 521 S PLANK-C?/AU OR STEMBERGER-A?/AU OR SCHERER-F?/AU
L2 13 S L1 AND COPOLYMER
L3 9 DUP REM L2 (4 DUPLICATES REMOVED)
L4 0 S P3YE5C
L5 1 S P6YE5C
L6 111 S PEG AND NUCLEIC ACID AND COPOLYMER
L7 14 S PEG AND NUCLEIC ACID AND COPOLYMER AND (ELECTROSTATIC OR IONI
L8 4127 S POLOXAMER
L9 600 S POLOXAMER/TI
L10 16 S L9 AND REVIEW/DT
L11 0 S POLYXAMER/TI
L12 600 S POLOXAMER/TI
L13 35 S L12 AND IONIC
L14 25 DUP REM L13 (10 DUPLICATES REMOVED)

=> d l7 1-14 ti so

L7 ANSWER 1 OF 14 MEDLINE on STN
TI Smart polymeric micelles as nanocarriers for oligonucleotides and siRNA delivery.
SO Nucleic acids symposium series (2004), (2005) No. 49, pp. 17-8.
Journal code: 101259965. E-ISSN: 1746-8272.

L7 ANSWER 2 OF 14 MEDLINE on STN
TI Water-soluble polyion complex associates of DNA and poly(ethylene glycol)-poly(L-lysine) block copolymer.
SO Bioconjugate chemistry, (1997 Sep-Oct) Vol. 8, No. 5, pp. 702-7.
Journal code: 9010319. ISSN: 1043-1802.

L7 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
TI Peptide-functionalized polyolefins prepared by ring-opening metathesis polymerization: A modular class of polyelectrolytes
SO Abstracts of Papers, 232nd ACS National Meeting, San Francisco, CA, United States, Sept. 10-14, 2006 (2006), PMSE-043 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69IHRD

L7 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
TI Stabilization and controlled delivery of ionic biopharmaceuticals using microspheres comprising polyelectrolyte-PEG diblock copolymers
SO U.S. Pat. Appl. Publ., 26 pp.
CODEN: USXXCO

L7 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
TI Stabilized polymer micelles for drug delivery systems
SO PCT Int. Appl., 35 pp.
CODEN: PIXXD2

L7 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
TI Pharmaceutical compositions containing drugs entrapped in crosslinked ionic core micelles
SO U.S. Pat. Appl. Publ., 17 pp.
CODEN: USXXCO

L7 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
TI Biomimetic construct using functionalized nanoparticles dispersed in polymeric matrix
SO PCT Int. Appl., 38 pp.
CODEN: PIXXD2

L7 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN

TI Device with chemical surface patterns
 SO PCT Int. Appl., 69 pp.
 CODEN: PIXXD2

L7 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Nitric oxide-producing hydrogel materials
 SO PCT Int. Appl., 69 pp.
 CODEN: PIXXD2

L7 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Polymeric carriers for stabilizing nucleic acids
 SO U.S. Pat. Appl. Publ., 26 pp., Cont.-in-part of U.S. Ser. No. 850,928,
 abandoned.
 CODEN: USXXCO

L7 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Grafted copolymers with amphiphilic side chains on a
 polycationic main polymer for nucleic acid carriers in
 transfection
 SO PCT Int. Appl., 33 pp.
 CODEN: PIXXD2

L7 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Water-Soluble Polyion Complex Associates of DNA and Poly(ethylene
 glycol)-Poly(L-lysine) Block Copolymer
 SO Bioconjugate Chemistry (1997), 8(5), 702-707
 CODEN: BCCHES; ISSN: 1043-1802

L7 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Formation of polyion complex micelles in an aqueous milieu from a pair of
 oppositely-charged block copolymers with poly(ethylene glycol)
 segments
 SO Macromolecules (1995), 28(15), 5294-9
 CODEN: MAMOBX; ISSN: 0024-9297

L7 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Hydrophobic polymeric pharmaceutical microparticles
 SO PCT Int. Appl., 33 pp.
 CODEN: PIXXD2

=> d 10

L14 ANSWER 10 OF 25 MEDLINE on STN
 AN 2001366647 MEDLINE
 DN PubMed ID: 11427350
 TI Effects of non-ionic surfactants as permeation enhancers towards
 piroxicam from the poloxamer gel through rat skins.
 AU Shin S C; Cho C W; Oh I J
 CS College of Pharmacy, Chonnam National University, 500-757, Kwangju, South
 Korea.
 SO International journal of pharmaceutics, (2001 Jul 17) Vol. 222, No. 2, pp.
 199-203.
 Journal code: 7804127. ISSN: 0378-5173.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200108
 ED Entered STN: 20 Aug 2001
 Last Updated on STN: 20 Aug 2001
 Entered Medline: 16 Aug 2001

=> d 17 10

L7 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:107905 CAPLUS
DN 136:156474
TI Polymeric carriers for stabilizing nucleic acids
IN Maruyama, Atsushi; Akaike, Toshihiro; Goto, Takeshi; Yonemura, Keishi
PA Japan
SO U.S. Pat. Appl. Publ., 26 pp., Cont.-in-part of U.S. Ser. No. 850,928,
abandoned.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 2002016304	A1	20020207	US 1999-267608	19990315
PRAI	JP 1996-146825	A	19960516		
	JP 1996-283259	A	19961004		
	US 1997-850928	B2	19970502		

=> s PLL-PEG

L15 22 PLL-PEG

=> s PLL-PEG AND copolymer

L16 15 PLL-PEG AND COPOLYMER

=> dup rem l16

PROCESSING COMPLETED FOR L16

L17 12 DUP REM L16 (3 DUPLICATES REMOVED)

=> d 1-12 ti so

L17 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
TI RNA-containing compositions containing hydrophilic derivatives of
polycationic compounds
SO PCT Int. Appl., 62pp.
CODEN: PIXXD2

L17 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
TI Nanostructured biointerfaces
SO Materials Science & Engineering, C: Biomimetic and Supramolecular Systems
(2006), 26(5-7), 911-917
CODEN: MSCEEE; ISSN: 0928-4931

L17 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of PLL-PEG-PLL and its application to DNA
encapsulation
SO Science in China, Series B: Chemistry (2006), 49(4), 357-362
CODEN: SCBCFQ; ISSN: 1006-9291

L17 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
TI Temperature-responsive peptide copolymer gel materials and
method for collection of substances in liquids
SO Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF

L17 ANSWER 5 OF 12 MEDLINE on STN DUPLICATE 1
TI Target-specific cellular uptake of PLGA nanoparticles coated with
poly(L-lysine)-poly(ethylene glycol)-folate conjugate.
SO Langmuir : the ACS journal of surfaces and colloids, (2005 Sep 13) Vol.
21, No. 19, pp. 8852-7.
Journal code: 9882736. ISSN: 0743-7463.

L17 ANSWER 6 OF 12 MEDLINE on STN DUPLICATE 2
 TI Folate receptor mediated intracellular protein delivery using PLL
 -PEG-FOL conjugate.
 SO Journal of controlled release : official journal of the Controlled Release
 Society, (2005 Apr 18) Vol. 103, No. 3, pp. 625-34.
 Journal code: 8607908. ISSN: 0168-3659.

L17 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Synthesis and characterization of temperature-sensitive peptide
 copolymer gels
 SO Polymer Preprints (American Chemical Society, Division of Polymer
 Chemistry) (2004), 45(1), 1097-1098
 CODEN: ACPPAY; ISSN: 0032-3934

L17 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Synthesis and characterization of temperature-sensitive peptide
 copolymer gels
 SO Abstracts of Papers, 227th ACS National Meeting, Anaheim, CA, United
 States, March 28-April 1, 2004 (2004), POLY-237 Publisher: American
 Chemical Society, Washington, D. C.
 CODEN: 69FGKM

L17 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Complexes micelles of block copolymer PLL-PEG
 -PLL/DNA
 SO Huaxue Yu Shengwu Gongcheng (2004), 21(5), 26-28
 CODEN: HYSGAF; ISSN: 1672-5425

L17 ANSWER 10 OF 12 MEDLINE on STN DUPLICATE 3
 TI Nanoparticulate DNA packaging using terpolymers of poly(lysine-g-(lactide-
 b-ethylene glycol)).
 SO Bioconjugate chemistry, (2003 Mar-Apr) Vol. 14, No. 2, pp. 311-9.
 Journal code: 9010319. ISSN: 1043-1802.

L17 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Poly-L-lysine-graft-PEG comb-type polycation copolymers for gene
 delivery
 SO Journal of Macromolecular Science, Pure and Applied Chemistry (1999),
 A36(7 & 8), 1061-1084
 CODEN: JSPCE6; ISSN: 1060-1325

L17 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Self-assembly and steric stabilization at heterogeneous, biological
 surfaces using adsorbing block copolymers
 SO Chemistry & Biology (1998), 5(3), 177-183
 CODEN: CBOLE2; ISSN: 1074-5521

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	("2002000870").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/19 20:34
L2	10	("200200870").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/19 20:37
L3	2	p3ye5c p6ye5c	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 20:38
L4	9809	PEG AND "nucleic acid" AND copolymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 20:42
L5	225	PEG "nucleic acid" copolymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/02/19 20:43
L6	189	I5 AND (electrostatic or ionic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 20:43
L7	15	I5 SAME (electrostatic or ionic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 21:01
L8	8773	poloxamer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 21:01
L9	82	poloxamer SAME "nucleic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 21:50
L10	17	poloxamer SAME "nucleic acid" SAME copolymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 21:01
L11	2	"2002107905"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 21:51

EAST Search History

L12	2	"20020107905"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 21:51
L13	1	"200216304"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 21:51
L14	3	"2002016304"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 21:52
L15	4	maruyama-a\$.in. AND goto-t\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 21:55
L16	20	PLL-PEG	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 21:56
L17	14	PLL-PEG AND "nucleic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/19 21:55